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Title: **CN1420652A: Passive optic network up bandwidth dynamic allocation data transmission method**

Derwent Title: Passive optic network up bandwidth dynamic allocation data transmission method [Derwent Record]

Country: **CN** China
Kind: **A** Unexamined APPLIC. open to Public inspection [i]

Inventor: **SHAN TANG**; China
WEIDONG GAO; China

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High Resolution

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Application Number: **CN2001000139949**

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ECLA Code: None

Priority Number: 2001-11-21 **CN2001000139949**

Abstract:
A method to distribute the transmission data dynamically for the up bandwidth of passive optical network over Ethernet using time division multiple access mode comprises determining the time of transmission delay and response to each of the client and setting the maximum time of window length for each time of transmission of every client, requesting for a data length being transmitted when eachclient wants to send a data, distributing the length and position of time window used for transmission by the control centre and sending the authorized information to each of the client according to the determining result and application information in order to stagger the reaching time of information transmitted from each of the client to data transmission control centre for avoiding the collision.

Family:

PDF	Publication	Pub. Date	Filed	Title
☑	CN1420652A	2003-05-28	2001-11-21	Passive optic network up bandwidth dynamic allocation data transmission method
1 family members shown above				

Other Abstract Info: DERABS C2003-588333

Passive optic network up bandwidth dynamic allocation data transmission method

Patent number:	CN1420652
Publication date:	2003-05-28
Inventor:	TANG SHAN (CN); GAO WEIDONG (CN)
Applicant:	RUNGUANG TAILI SCI & TECH DEV (CN)
Classification:	
- international:	*H04J14/08;* H04J14/08; (IPC1-7): H04J14/08
- european:	
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Priority number(s):	CN20010139949 20011121

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Abstract of **CN1420652**

A method to distribute the transmission data dynamically for the up bandwidth of passive optical network over Ethernet using time division multiple access mode comprises determining the time of transmission delay and response to each of the client and setting the maximum time of window length for each time of transmission of every client, requesting for a data length being transmitted when eachclient wants to send a data, distributing the length and position of time window used for transmission by the control centre and sending the authorized information to each of the client according to the determining result and application information in order to stagger the reaching time of information transmitted from each of the client to data transmission control centre for avoiding the collision.

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